

ABSTRACT

According to a first aspect, a first conveyor system is provided that is adapted to deliver substrate carriers within a semiconductor device manufacturing facility. The first conveyor system includes a ribbon that forms a closed loop along at least a portion of the semiconductor device manufacturing facility. The ribbon is adapted to (1) be flexible in a horizontal plane and rigid in a vertical plane; and (2) transport a plurality of substrate carriers within at least a portion of the semiconductor device manufacturing facility. Numerous other aspects are provided, as are systems, methods and computer program products in accordance with these and other aspects.